

10/534872

JCO5 Rec'd PCT/PTO 12 MAY 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT

Intl.  
Appl. No. : PCT/JP2003/013686  
Applicant : Masatsuki MATSUMOTO et al.  
Intl. Appl.  
Filed : October 24, 2003  
TC/A.U. : Not Assigned  
Examiner : Not Assigned  
Dkt. No. : ABE-032  
Cust. No. : 20374

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 12, 2005

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. These documents have been cited in the International Search Report of the present application. One copy of each of the listed documents is attached. A copy of the search report is being filed concurrently herewith.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior

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to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

Document UA is in the English language. Therefore, no concise explanation of the relevance of the documents is believed to be required under 37 C.F.R. §1.98.

Documents FA, FB, FD and FE are not in the English language. English language abstracts of documents FA, FD and FE are submitted herewith. English language translations of documents FA, FB and FE are submitted herewith. The concise explanation of the relevance of the documents required under 37 C.F.R. §1.98 is believed to be satisfied thereby.

Document FC is also not in the English language. However, the relevance of document FC, along with the relevance of the other documents, is discussed in the International Search Report. The concise explanation of the relevance of the document FC required under 37 C.F.R. §1.98 is believed to be satisfied thereby. Please note an Examiner's obligation to consider documents cited in an International Search Report according to the provisions of MPEP §1893.03(g).

The Commissioner is authorized to charge our Deposit Account

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No. 111833 for any fee which is deemed by the Patent and Trademark  
Office to be required to effect consideration of this statement.

Respectfully submitted,

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KTK/jbf  
Attachments: PTO-1449  
Six Documents

INFORMATION DISCLOSURE STATEMENT  PTO-1449	Atty. Docket No. ABE-032	Serial No. Not assigned
	Applicant: <b>10/534872</b> Masatsuki MATSUMOTO et al.	
	Filing Date: May 12, 2005	Group: Not assigned

## U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA	4,724,949	02/16/88	Misina	198	750	
	UB						
	UC						
	UD						
	UE						
	UF						
	UG						

## FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	8-243664 A	09/42/96	JP	Abstract & Translation
	FB	5-237 U	01/08/93	JP	Translation
	FC	58-9244 U	01/21/83	JP	No
	FD	4-105730 A	04/07/92	JP	Abstract
	FE	9-308864 A	12/02/97	JP	Abstract & Translation
	FF				
	FG				

## OTHER DOCUMENTS

Examiner's Initial		
	DA	
	DB	
	DC	

Examiner:	Date Considered:
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